

CONTENTS.

No. I.

ORIGINAL COMMUNICATIONS.

On Eupatorium perfoliatum. By R. Eglesfeld Griffith, M. D.	1
Note on Prepared Tutty. By Wm. Hodgson, jr.	- - - 2
Analysis of the Bark of the Prunus Virginiana. By Stephen Proctor,	8
Note on the manufacture of Ichthyocolla in the U. States. By J. V.	
C. Smith, M. D.	- - - - 12
On Cimicifuga racemosa. By John H. Tilghman,	- - - 14
Medico-Botanical Notices, No. 2,	- - - - 21
On Bicyanuret of Mercury &c. By Wm. Ellis,	- - - - 24

SELECTED ARTICLES.

Observations on Organic Chemistry &c. By J. F. W. Johnson, A. M. &c.	- - - - 30
On different kinds of Gums. By M. Guibourt,	- - - 42
On Optical Characters as a distinguishing mark of the different kinds of Sugar. By M. Biot,	- - - 51
On the Iodo-hydryargyrate of Potassium. By Wm. Channing, M. D.	53
Remarks on the culture of seeds for and the manufacture of Vegeta- ble Oils. By C. V. Hagner,	- - - 56
Report of the Committee on Patent Medicines to the Board of Trus- tees of the College of Pharmacy of the city of New York,	60
On the medical use of the Viola ovata. By Stephen N. Williams, M. D.	63
On Creosote and Picamar. By M. Reichenbach,	- - - 65
Influence of Colours on the absorption of Heat, and of odorous prin- ples,	- - - - 69
Analysis of American Cologne Earth. By Thomas G. Clemson,	70
On Plants furnishing Blue Dyes. By M. Dierbach,	- - - 72
Minutes of the College,	- - - - 74
Miscellany,	- - - - 81

AA

No. II.

ORIGINAL COMMUNICATIONS.

Apparatus for freezing water by the aid of sulphuric acid. By R. Hare, M. D., Professor of Chemistry in the University of Pa.	91
Minutes of an Analysis of Soup containing Arsenic. By Dr. James B. Rogers, Geo. W. Andrews and Wm. R. Fisher, Associate	
Members of the Philadelphia College of Pharmacy,	94
On Iodine and its combinations. By Augustin Duhamel,	101
Medico-Botanical Notices, No. 3,	118

SELECTED ARTICLES.

On Syrup of Asparagus &c. By A. Latour (<i>de Trie</i>) and Roziers,	122
On Viscine, a new vegetable principle. By M. Macaire,	125
On the action of cold concentrated Sulphuric Acid on Copper. By M. Barruel, Jr.	127
New Alcaloid substance discovered in Yellow Bark. By M. Henry and A. Delondre,	129
On Creosote and its preparations. By M. de Reichenbach,	131
On preparations of Aconite. By M. Soubeiran,	132
On Iodides of Lead. By M. Denot,	134
On Rhatany Root. By M. Soubeiran,	141
On the Manufacture of Sulphuric Acid, and on the white crystalline substance which is formed during that process. By S. L. Dana, M. D.	144
An account of some experiments made with Mr. Jos. Saxton's Elec- tro-Magnetic Machine. By Jacob Green, M. D., Professor of Chemistry in Jefferson Medical College,	153
Carbonic Oxide Gas, obtained free of Carbonic Acid. By Thomas Mitchell, M. D., Professor of Chemistry and Pharmacy in the Medical College of Ohio,	157
Pharmaceutical Apparatus,	160
On Minium. By Richard Phillips, F. R. S.	162
Experiments on the action of Lime on certain solutions of Carbonate of Potash. By Henry Hough Watson,	166
Description of a new form of the Stomach Pump. By P. B. God- dard, M. D., of Philadelphia,	169
Miscellany,	171

Contents.

v

No. III.

ORIGINAL COMMUNICATIONS.

Application of Nitric Oxide Gas in Eudiometry. By R. Hare, M. D., Professor of Chemistry in the University of Pa., &c.	179
Apparatus for obtaining the Nitrogen from Atmospheric Air. By R. Hare, M. D., Professor of Chemistry in the University of Pa. &c.	183
Apparatus for illustrating a peculiarity attending the combustion of Phosphorus in Nitric Oxide Gas. By R. Hare, M. D., Profes- sor of Chemistry in the University of Pennsylvania &c.	185
Pharmaceutical Notices,	187
Toxicological considerations on Arsenic and its compounds. By Na- poleon Caunce,	190
Medico-Botanical Notices,	199

SELECTED ARTICLES.

Carrageen or Irish Moss,	204
Experiments to determine the period which may have elapsed after the discharge of a piece of Fire Arms. By P. H. Boutigney, Pharmacist, of Evreux, France. Translated for the Journal of the Philadelphia College of Pharmacy. By W. R. Fisher	207
On the Colours to be obtained from gold, their preparation and use in the arts. By M. Goltier Besseyre.	215
On the Purple Colour furnished by the Murex brandaris and M. trunculus. By M. Bizio,	225
Comparative experiments on the Liquorice of commerce, on the re- fined Liquorice of the shops, and the extract of Liquorice of the Pharmacopeias. By M. Zier, of Zerbst,	227
Remarkable analogy between ponderable bodies and Caloric and Electricity. By Wm. West,	229
On Strychnine. By M. Robiquet,	232
Action of Water on cast Iron Pipes,	234
Remarks on the plant which yields the Cascarilla Bark. By David Don, Esq.	238
On the Origin of Ambergris and Spermacei. By A. Baudrumont, M. D.,	241
Action of the Aqueous Extract of Opium on the Bichloride of Mer- cury. By M. Calliot,	242
Some experimental researches to determine the nature of Capillary Attraction. By John W. Draper,	245
Minutes of the College,	255
Miscellany,	259

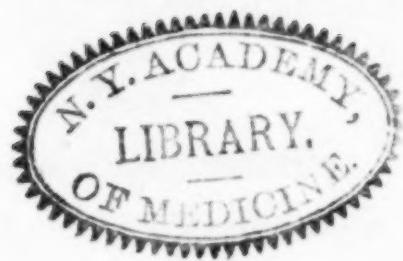
No. IV.

ORIGINAL COMMUNICATIONS.

On Conium Maculatum. By R. Eglesfeld Griffith, M. D. -	267
Apparatus for obtaining Oxygen upon a large scale. By R. Hare, M. D., Professor of Chemistry in the University of Pa. -	271
Apparatus for showing the influence of Pressure on Effervescence. By the author of the preceding article, - - - -	273
Note upon fluid extract of Senna. By Charles Ellis, - -	274
On the Erythraea Chilensis. By J. Carson, M. D. - -	276
Pharmaceutical Essays, No. 1. - - - -	279
Pharmaceutical Notices, No. 10, - - - -	282
Medico-Botanical Notices, No. 5, - - - -	284
On certain Chemicals of common use in the shops. By C. Adamson, 287	
Report of Committee of inspection on a case of poisoning by oil of Winter Green, - - - -	289

SELECTED ARTICLES.

Some experimental Researches to determine the nature of Capillary Attraction. By John W. Draper, - - - -	292
On Mannite from the Bulbous Celery. By M. Payen, - -	310
Note upon Creosote. By A. Bachner, of Munich. Translated for the Journal of Pharmacy, by Charles Ellis, - - - -	311
On several Alkaloid principles found in the Solanæ by German Che- mists, - - - -	314
Extracts from the Bulletin of Therapeutics. By M. O. Henry. Translated for the Journal of Pharmacy, by Charles Ellis. 324	
Remarks on Professor Mitchell's Method of Preparing Carbonic Oxide, free from Carbonic Acid. By L. D. Gale, M. D., Act- ing Professor of Chemistry in the University of the City of New York, and Professor in the New York College of Phar- macy, - - - -	328
Analysis of Coccus Indicus. By M. M. Pelletier and Couerbe, 330	
Observations on the action of Bromine on different vegetable alka- loids, as Quinine, Cinchonine, Morphine, Salicine, Strychnine &c., comparatively with that of Iodine on the same alkaloids. By M. D. Blengini, of Turin, - - - -	334
On the Extract of Hellebore of Bacher. By M. Soubeiran, 338	
On the true origin of Amber. By Giuseppe Alessi, - -	340
On Kermes Mineral. By Justus Liebig, - - - -	344
Miscellany, - - - -	347





INDEX I.

Authors of Articles in the Sixth Volume of the Journal of the Philadelphia College of Pharmacy.

<i>Abbott, E. K.</i>	Honey of Trebizonde,	- - - -	351
<i>Adamson, C.</i>	Certain chemicals in common use,	- - - -	287
<i>Alessi, G.</i>	Origin of amber,	- - - -	340
<i>Ammermuller and Magnus.</i>	Hyperiodic acid,	- - - -	349
<i>Andrews.</i>	Test for purity of lime,	- - - -	81
<i>Andrews S. W., Rogers, J. B., and Fisher, W. B.</i>	Analysis of soup containing arsenic,	- - - -	94
<i>Antomarchi.</i>	Bignonia catalpa,	- - - -	352
<i>Subergier.</i>	Pomatum for hair,	- - - -	178
<i>Barbier.</i>	Properties of codeine,	- - - -	347
<i>Barruel.</i>	Action of sulph. acid on copper,	- - - -	127
"	Crystallization of sulph. acid,	- - - -	261
<i>Batka.</i>	Active principle of sarsaparilla,	- - - -	173
<i>Baudrimont, A.</i>	Origin of ambergris and spermaceti,	- - - -	240
<i>Becquerel.</i>	Artificial crystals of galena,	- - - -	86
<i>Besseyre, G.</i>	Colours from gold,	- - - -	215
<i>Biett.</i>	Ointment for Porrido,	- - - -	178
<i>Biot.</i>	Optical characters of sugar,	- - - -	51
<i>Bizio.</i>	Purple colour from murices,	- - - -	225
<i>Bland.</i>	Anti-chlorotic pills,	- - - -	264
<i>Blengini D.</i>	Action of Bromine on vegetable alkalies,	- - - -	334
<i>Blondeau.</i>	Orgeat syrup,	- - - -	353
"	Raspberry syrup,	- - - -	177
<i>Bonastre.</i>	New balsam of tolu,	- - - -	177
<i>Boswell.</i>	On opium,	- - - -	175
<i>Boutigney, P. H.</i>	Experiments to determine the period after the discharge of fire arms,	- - - -	207
<i>Boutin.</i>	Butter of cacao,	- - - -	352
"	Hyparic acid,	- - - -	261
<i>Braconnot.</i>	Nitric acid,	- - - -	176
"	New vegetable principle,	- - - -	176

<i>Brandes.</i>	Atropine,	-	-	-	-	83
<i>Brocke.</i>	Naphthaline,	-	-	-	-	84
<i>Buchner A.</i>	On creosote,	-	-	-	-	311
<i>Caillet.</i>	Test for chlorine in bromides,	-	-	-	-	81
"	Action of aqueous solution of opium on bichlor. mercury,	-	-	-	-	243
<i>Carson, J.</i>	Erythrea chilensis,	-	-	-	-	276
<i>Caunce, N.</i>	Toxicological considerations on arsenic,	-	-	-	-	190
<i>Channing, W.</i>	Iodo-hydrrgyrate of potassium,	-	-	-	-	53
<i>Chevallier.</i>	Vinegar,	-	-	-	-	177
"	Hydrographic paper,	-	-	-	-	347
<i>Clemson, T. G.</i>	Analysis of American Cologne earth,	-	-	-	-	70
<i>Couerbe.</i>	Buxine,	-	-	-	-	177
"	and Chevallier. Analysis of <i>Coccus Indicus</i> ,	-	-	-	-	330
<i>Dana, S. L.</i>	Manufacture of sulphuric acid,	-	-	-	-	144
<i>Delille.</i>	Agaric of the olive tree,	-	-	-	-	261
<i>Delvincourt.</i>	Pastilles de Santé,	-	-	-	-	264
<i>Delondre, A. and Henry, M.</i>	New alkaloid in yellow bark,	-	-	-	-	129
<i>Denot.</i>	Iodides of lead.	-	-	-	-	134
<i>Dickson, J.</i>	Discharge of indelible ink,	-	-	-	-	264
<i>Dierbach.</i>	Plants furnishing blue dyes,	-	-	-	-	72
<i>Dobereiner, J. W.</i>	Gallic acid,	-	-	-	-	82
"	Formic acid,	-	-	-	-	172
<i>Don, D.</i>	Plant yielding cascara,	-	-	-	-	238
<i>Donne.</i>	Antidote for strychnine,	-	-	-	-	264
<i>Draper, J. W.</i>	Capillary attraction,	-	-	-	-	245. 292
<i>Duclou.</i>	Hemlock plaster,	-	-	-	-	353
<i>Duflos.</i>	Vegetable alkalies,	-	-	-	-	82
"	Test for Peruvian bark,	-	-	-	-	82
<i>Duparc and Duchesne.</i>	Mecical uses of tar and soot,	-	-	-	-	324
<i>Duhamel, A.</i>	Iodine and its combinations,	-	-	-	-	101
<i>Ellis, Ch.</i>	Fluid extract of senna,	-	-	-	-	274
"	Wm. Bicyanuret of mercury,	-	-	-	-	24
<i>Faraday.</i>	Composition of glass,	-	-	-	-	263
<i>Ferrari.</i>	New disinfecting gas,	-	-	-	-	263
"	Syrup of coffee,	-	-	-	-	347
<i>Feuchtwanger, S.</i>	Carrageen or Irish moss,	-	-	-	-	204
<i>Fisher, W. R., Rogers, J. B. and Andrews G. W.</i>	Analysis of soup containing arsenic,	-	-	-	-	94
<i>Fuchs.</i>	Potash from felspar,	-	-	-	-	81

<i>Gay Lussac.</i>	Purification of carbonate of soda,	-	-	350
<i>Geiger and Hesse.</i>	Alkaloid principles in Solanæ,	-	-	314
<i>Goddard, P. B.</i>	New form of stomach pump,	-	-	169
<i>Green, J.</i>	Electro-magnetic experiments,	-	-	153
<i>Griffith, R. E.</i>	Conium maculatum,	-	-	267
"	Eupatorium perfoliatum,	-	-	1
<i>Guibourt, N.</i>	Different kinds of gum,	-	-	42
<i>Hagner, C. V.</i>	Culture of seeds for oil,	-	-	56
<i>Haldat.</i>	Oxide of zinc,	-	-	82
<i>Hare, R.</i>	Apparatus for freezing water,	-	-	91
"	Application of nitric oxide in eudiometry,	-	-	179
"	Apparatus for obtaining nitrogen from atmospheric air,	-	-	183
"	" for combustion of phosphorus in nitric oxide gas,	185		
"	" for obtaining oxygen on a large scale,	-	-	271
"	" for showing effect of pressure on effervescence,	-	-	273
<i>Henry, J.</i>	New mode of administering Epsom salts,	-	-	174
" <i>M. and Delondre, A.</i>	New alkaloid from yellow bark,	-	-	129
<i>Hesse and Geiger.</i>	Alkaloid principles in Solanæ,	-	-	314
<i>Hodgson, Wm. jr.</i>	Prepared tutty,	-	-	6
<i>Jacobson.</i>	Neutral chromate of potash,	-	-	259
<i>Johnson, J. F. W.</i>	Observations on organic chemistry,	-	-	30
<i>Julien S.</i>	Indian ink,	-	-	175
<i>Keist.</i>	Disinfecting powder,	-	-	85
<i>Kindt.</i>	Test for cinchonine,	-	-	85
<i>Kunkel.</i>	Properties of codeine,	-	-	88
<i>Langlois.</i>	Iodide of starch,	-	-	263
<i>Lassaigne.</i>	Influence of temperature on iodide of starch,	-	-	263
<i>Latour de Trie, A. and Rogers.</i>	Syrup of asparagus,	-	-	123
<i>Lecanu</i>	New animal principle,	-	-	263
<i>Liebig, J.</i>	Malic acid,	-	-	176
"	Acetic ether,	-	-	265
"	Kermes mineral,	-	-	344
<i>Lindsey.</i>	Drying of plants,	-	-	84
<i>Macaire.</i>	Viseine,	-	-	125
<i>Magnus and Ammermuller.</i>	Hyperiodic acid,	-	-	349
<i>Malaguti.</i>	Protoxide of copper,	-	-	352
<i>Marx.</i>	Expansion of bismuth,	-	-	86

<i>Matteuci.</i>	Rotatory motion of camphor,	-	-	-	174
"	Action of sulphuric acid on blood,	-	-	-	265
<i>Mein.</i>	Atropine,	-	-	-	314
<i>Merck.</i>	Santanine,	-	-	-	172
<i>Michaelis.</i>	Palm oil,	-	-	-	85
<i>Mitchell, T. D.</i>	Carbonic oxide from carbonic acid,	-	-	-	157
<i>Mitscherlich.</i>	Lactic acid,	-	-	-	83
<i>Morin.</i>	Bubuline,	-	-	-	83
<i>Mortier.</i>	Artificial cajeput oil,	-	-	-	349
<i>Mouchon, E.</i>	Mercurial ointment,	-	-	-	171
<i>Noverre.</i>	New anthelmintic,	-	-	-	260
<i>Otto, J.</i>	Solanine in potatoe germs,	-	-	-	348
<i>Payen.</i>	Action of water on cast iron pipes,	-	-	-	234
"	Mannite from celery,	-	-	-	310
<i>Pelouze.</i>	Principles of acids,	-	-	-	261
"	Hydrocyanic ether,	-	-	-	354
<i>Pelletier and Couerbe.</i>	Analysis of <i>Cocculus Indicus</i> ,	-	-	-	330
<i>Phillips, R.</i>	On minium,	-	-	-	162
<i>Pierquin.</i>	Preparation of hydriodate of iron,	-	-	-	178
<i>Pontes.</i>	Elardic and palmic acids,	-	-	-	84
<i>Pouillet.</i>	New chlorometer,	-	-	-	87
<i>Proctor, S.</i>	Analysis of <i>Prunus Virginiana</i> ,	-	-	-	8
<i>Reichenbach.</i>	Creosote and Picamar,	-	-	-	66
"	Preparation of Creosote,	-	-	-	131
<i>Robiquet.</i>	Strychnine,	-	-	-	232
"	Oxalic acid,	-	-	-	265
"	Opium,	-	-	-	266
<i>Rogers, J. B., Andrews, G. W. and Fisher, W. B.</i>	Analysis of soup containing arsenic,	-	-	-	94
<i>Roux.</i>	Lotion in Neuralgia,	-	-	-	262
<i>Roziers and Latour de Trie.</i>	Syrup of asparagus,	-	-	-	122
<i>Schosufel, F.</i>	Copper in cajeput oil,	-	-	-	348
<i>Smith, S. V. C.</i>	On American ichthyocolla,	-	-	-	12
<i>Soubeiran, E.</i>	Preparations ofaconite,	-	-	-	132
"	Rhatany root,	-	-	-	141
"	Extract of guaiacum,	-	-	-	260
"	Extract of hellebore,	-	-	-	338
<i>Sprague.</i>	Unguentum plumbi sub-acetatis,	-	-	-	283
<i>Sark, J.</i>	Influence of colours on absorption of heat,	-	-	-	69

Index.

359

<i>Talbot, H. F.</i> Homogenous light of great intensity,	347
<i>Tanfier.</i> Antiseptic properties hydrochlorate tin,	265
<i>Thomson, A.</i> Test for iodine,	352
<i>Tilghman, J. H.</i> Cimicifuga racemosa,	14
<i>Tromsdorff.</i> Valerianic acid.	357
<i>Watson, H. H.</i> Action of lime on solutions of carbonate of potash,	166
<i>West W.</i> Analogy between ponderable bodies and caloric,	229
<i>Williams, S. W.</i> Medical uses of <i>Viola ovata</i> ,	63
<i>Wohler.</i> Iridium and osmium,	261
" Borate of magnesia,	353
<i>Zier.</i> Experiments on liquorice,	227

INDEX II.

Subjects of Articles in the Sixth Volume of the Journal of the Philadelphia Journal of Pharmacy.

Acetic ether,	265
Acids, principles of	261
Acid, carbazotic	187
" elardic	84
" formic	171
" gallic	82
" hyparic	261
" lactic	83
" malic	176
" nitric	176
" oxalic	265
" palmic	84
" sulphuric, crystallization of	261
" valerianic	351
Aconite, preparations of	132
Aconitine	321
Agaric of olive tree,	261
Alkalies, organic	322
" vegetable	82. 334
Aloes wood	199
Amber, origin of	340
Ambergris, origin of	240
Animal principle, new	263
Anthelmintic, new,	260
Antiseptic properties of hydrochlor. tin	265
Apparatus for freezing water	91
" pharmaceutical	160
" for nitric oxide gas &c.	179
" for obtaining nitrogen from atmosphere	183
" for the combustion of phosphorus in nitric oxide	185
" for oxygen on a large scale	271
" for showing the influence of pressure on effervescence	273

Arsenic, detection of	94
" toxicological considerations on	190
Asparagus, dry extract of	353
" syrup of	122
Attraction, capillary	245. 292
Atropine	83. 314
Balsam of honey	61
Balsam of Tolu, new	177
Benzoin	200
Bicyanuret of mercury	24
Bignonia catalpa	352
Bismuth, expansion of	84
Blue dyes, plants furnishing	72
Bromine, action of, on vegetable alkalies	334
Bubuline	83
Buxine	177
Cacao, butter of	352
Cajeput oil, artificial	349
" to separate copper from	348
Camphor, rotatory motion of	174
Carbazotic acid	187
Capillary attraction	245. 292
Carbonic oxide gas, to obtain pure	157
Carrageen or Irish moss	204
Cascarilla, plant yielding	238
Cassius, powder of	85
Chemicals, adulteration of	287
Chemical notation	40
Chemistry, organic, observations on	30
Chlorine in bromides, test for	81
" salts	87
Chlorometer new	87
Chromate of potash, neutral	258
Cimicifuga racemosa	14
Cinchonine, test for	83
Cocculus Indicus, analysis of	330
Codeine, properties of	88. 347
Codfish oil	397
Colchicine	320
Colchicum, preparations of	326
Collinsonia Canadensis	200
Colours, influence of, on the absorption of heat	69
Cologne earth, American	70
Colours from gold	215
" from murices	225

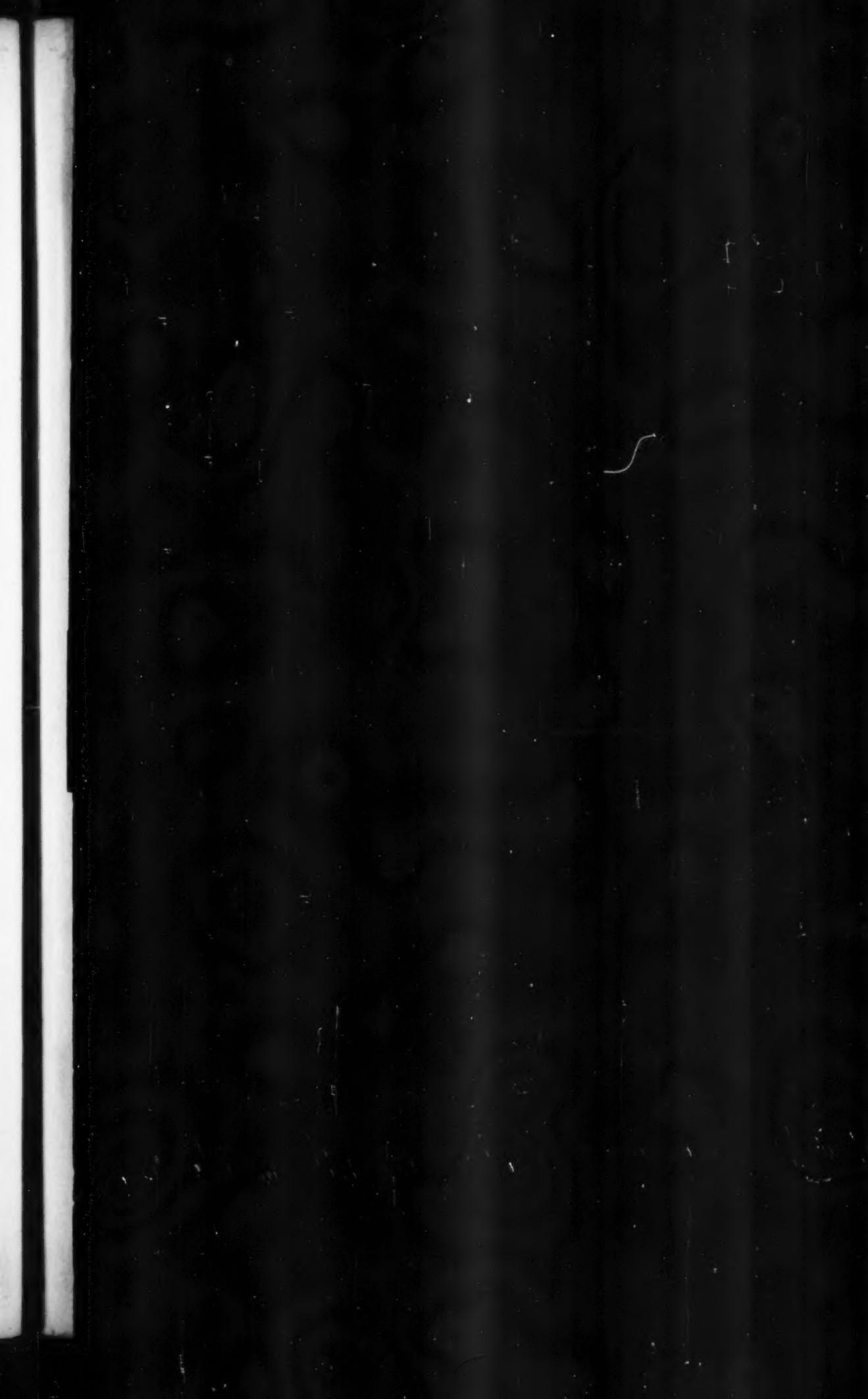
Copper, protoxide of	352
" test for	188
" action of cold sulphuric acid on	127
Creosote	I31. 177
" and picamar	66
" ointment	353
Daturine	319
Disinfecting gas	263
" powder	85
Dispensatory, U. S. report on	76
Elardic acid	84
Electro-magnetic experiments	153
Epsom salts, new mode of administering	174
Erythræa chilensis	276
Ether acetic	265
" hydrocyanic	354
" sulphuric, test for purity of	262
" Eudiometry, nitric oxide gas in	179
Eupatorium perfoliatum	1
Extract of hellebore	338
" guaiacum	260
" rhatany	282
Fire arms, to determine the period after the discharge of	207
Formic acid	171
Furnace, table	262
" pharmaceutical	160
Gallic acid	82
Gas, new disinfecting gas	263
Glass, experiments on	263
Gold, colours from	215
Guaiacum, extract of	260
Gums, on different kinds of	42
Heat, developed by flowers	266
Hellebore, extract of	338
Hemlock plaster	353
Herbs dried	84
Honey of Trebizond	357
Hydrastis Canadensis	201
Hydriodate of iron, preparation of	178
" of potash adulteration of	289
Hydrocyanic ether	354
Hydrographic paper,	347

Hyoscamine		318
Hyparic acid		261
Hyperiodic acid		349
Icthyocolla, manufacture of in the United States		12
Indian ink		175
Ink, indelible, to discharge		264
" sympathetic		262
Iodine and its compounds		101
" test for		352
Iodides of lead		134
of starch		263
influence of temperature on		350
Iodo-hydrargyrate of potash		53
Iridium		261
Iron, hydriodate of, preparation of		178
" pipes, action of water on		234
Itch ointment		264
Jalap, plant producing		118
James' powders		282
Juniper berries		351
Kermes mineral		344
Lactic acid		84
Lead, artificial crystals of sulphuret		86
iodides of		134
Light, homogenous of great intensity		347
Lignirode gum		49
Lime		81
" action on solutions, carbonate of potass		166
Linseed oil, purification of		85
Liquidambar styraciflua		190
Liquorice, experiments on		227
Logwood, extract of		87
Lucifer matches		88
Maclura aurantiaca		22
Magnesia, borate of		353
Malic acid		176
Mannite		325
Matches, Lucifer		88
Matico		286
Mercurial ointment		171
Mercury, bichloride action of aqueous extract of opium on		243
" bicyanuret of		24

Medico-botanical notices	-	-	21, 118, 199, 284
Minium, composition of	-	-	162
Mimosa Farnesiana	-	-	202
Minutes of the college	-	-	74, 255
Murices, colour from	-	-	225
Naphthaline	-	-	84
Neuralgia, lotion for	-	-	262
Nitric acid	-	-	176
" oxide gas in eudiometry	-	-	179
Nitrogen from atmosphere	-	-	183
Notation chemical	-	-	40
Nutmegs	-	-	21
Oil codfish	-	-	327
" empyreumatic of Chabert	-	-	353
" linseed, purification of	-	-	85
" vegetable, culture of seeds for	-	-	57
" winter green, poisoning by	-	-	289
Ointment, creosote	-	-	353
" itch	-	-	264
" mercurial	-	-	171
" for Porrido	-	-	178
Opium	-	-	175, 266
" report on	-	-	74
" action of aqueous solution of on bichloride of mercury	-	-	243
Optical characters of sugar	-	-	51
Orange colour, new	-	-	86
Organic chemistry	-	-	30
" alkalies	-	-	322
Orgeat, formula for	-	-	353
Osmium	-	-	261
Oxalic acid	-	-	265
Palmic acid	-	-	84
" oil,	-	-	85
Pastilles de Sante	-	-	264
Patent medicines, report on	-	-	60
Peruvian bark, mode of testing	-	-	82
Petiveria foetida	-	-	203
Pharmaceutical essays	-	-	279
" notices	-	-	187, 282
Phosphorus, combustion of in nitric oxygen gas	-	-	185
Picarmar and creosote	-	-	66
Pills, antichlorotic	-	-	264
Plaster, hemlock	-	-	353
Pomatum for hair	-	-	178

Ponderable bodies, analogy to caloric, &c.	229
Porrigo, ointment for	178
Potassium, iodo-hydargyrate of	53
Potash from felspar	81
" neutral chromate of	259
Powder, disinfecting	85
Prunus Virginiana, analysis of	8
Quinidine	127
Raspberry syrup	177
Rhatany root	141
" extract of	282
Robinia pseudo-acacia	284
Sagittaria sagittifolia	286
Santonine	172
Sarsaparilla, active principle of	173
" East Indian	202
Sassa gum	42
Senna, fluid extract of	274
Soda, purification of carbonate	350
Solanæ, alkaline principles of	314
Solanine in germs of potatoes	348
Soot and tar, uses in medicine	324
Spermaceti, origin of	240
Spikenard	21
Spilanthes oleracea	285
Starch, iodide of	263
Stomach pump, new form of	169
Strychnine	232
" antidote for	264
Sugar, optical characters of	51
Sulphur salts	35
Sulphuret of lead, artificial crystals of	86
Sulphuric acid, action on copper	127
" manufacture of	144
" crystallization of	261
" action on blood	265
Sulphuric ether, test for	262
Syrup of asparagus	122
" coffee	347
" orgeat	353
" raspberries	177
Tar and soot, uses in medicine	324
Tartrate of iron and potash	283
Tea plant, &c.	222

Tin, antiseptic properties of hydrochlorate of	265
Tolu, new balsam of	177
Tragacanth gum	43
Tutty, prepared	6
 Unguentum plumbi subacetatis	 283
 Valerianic acid	 351
Vegetable alkalies	82
" principle, new	176
" products	30
Vinegar	177
Viola ovata, medical uses of	63
Viscine	125
 Water, action of on cast iron pipes	 234
 Zinc, oxide of	 82
" " adulteration of	287





Pl. 52



EDIPHYTIC FRUIT PLANT

(Bonsai, Thymelaeaceae)

Printed in U.S.A. by W.H. Smith

Printed from a plate by W.H. Smith

